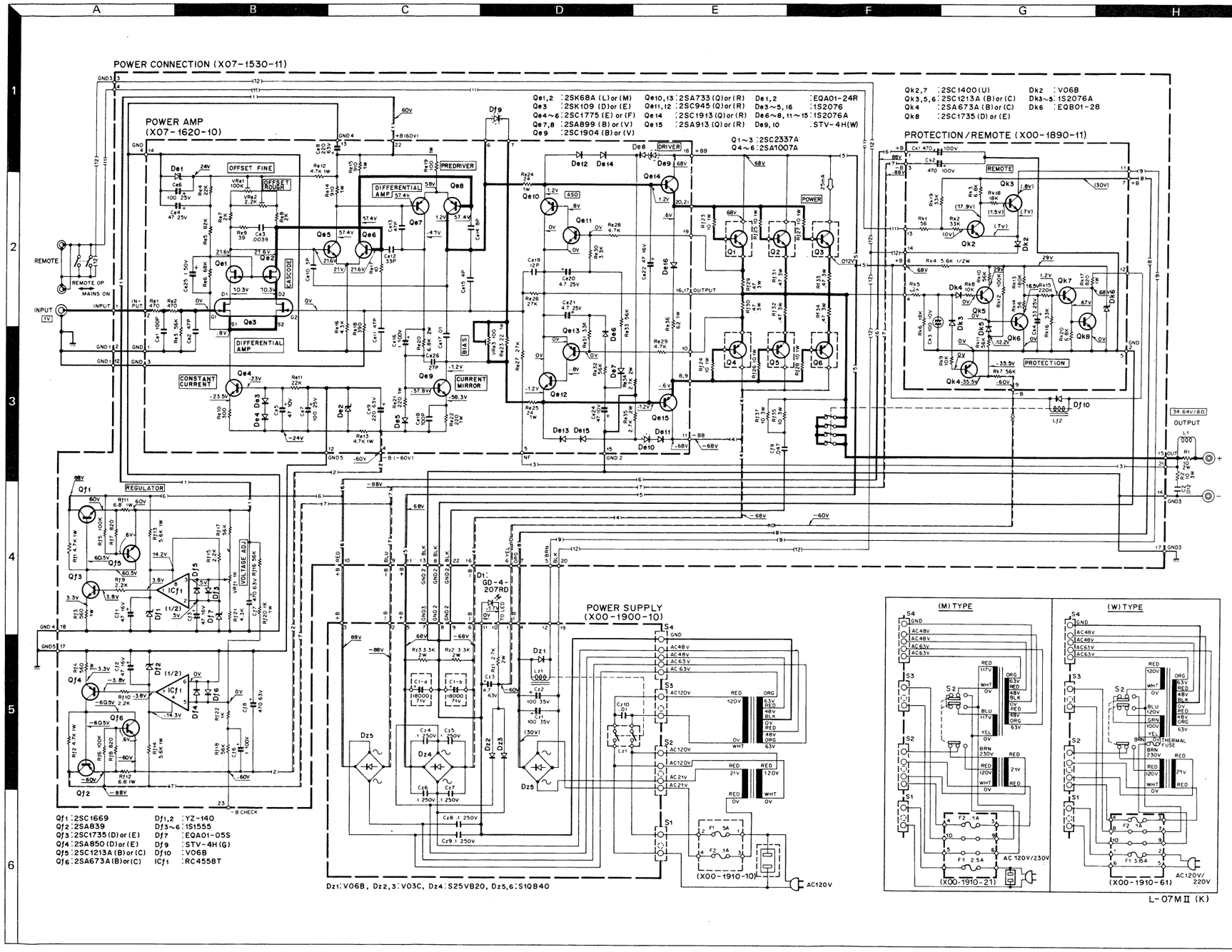
# HIGH SPEED DC AMPLIFIER

# L-07MII

2SC1669
2SC1913
2SD381



Specifications described here are based on the measurement using the special speaker cable with length of one meter provided.

**POWER OUTPUT**

**150 watts* minimum RMS at 8 ohms, from 20 Hz to 20,000 Hz with no more than 0.007% total harmonic distortion.**

**Continuous Power**
- 8 ohms at 1,000 Hz ..... 150 watts
- 4 ohms at 1,000 Hz ..... 200 watts

**Total Harmonic Distortion**
- 10 Hz~100 kHz, 8 ohms at rated power . 0.08%
- 20 Hz~20 kHz, 8 ohms at rated power ... 0.007%
- 20 Hz~20 kHz, 8 ohma at 1/10 rated power ..... 0.008%
- 1 kHz, 8 ohms at rated power ..... 0.003%
- 1 kHz, 4 ohms at rated power ..... 0.0035%

**Intermodulation Destortion (60 Hz : 7 kHz = 4 : 1)**
- 8 ohms at rated power ..... 0.003%
- 8 ohms at 1/10 rated power ..... 0.002%
- 4 ohms at rated power ..... 0.08%

**Frequency Response** ..... DC~600 kHz $^{+0}_{-3}$dB
**Signal to Noise Raaio** (short-circuited) ..... 120 dB
**Damping Factor**
- DC~20 kHz, 8 ohms ..... 120
- DC~20 kHz, 8 ohms without speaker cable ..... 150
- DC~80 kHz, 8 ohms without speaker cable ..... 80

**Input Sensitivity/Impedance** ..... 1V/50k ohms
**Transient Response**
- Rise time
- −1V ⟷ +1V ..... 0.55 μs
- −20V ⟷ +20V ..... 0.55 μs
- −40V ⟷ +40V ..... 0.55 μs
- Slew rate ..... +170V/μs, −170V/μs

**Speaker Impedance** ..... Accept 4 ohms to 16 ohms speaker impedance
**Speaker Cable Loss** ..... 0.01 ohms

**GENERAL**
**Power Consumption**
- At full power ..... 630 watts
- At non-signal ..... 45 watts

**AC Outlet** ..... 1 Unswitched
Dimensions ..... W 7-7/8" (200 mm)
H 6-3/32" (155 mm)
D 15-11/32" (390 mm)
**Weight** (Net) ..... 28.5 lbs. (13 kg)
(Gross) ..... 30.7 lbs. (14 kg)

* Measured pursuant to Federal Trade Commission's Trade Regulation rule on Power Output Claim for Amplifier in U.S.A.

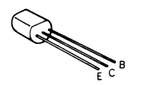
**Note:** Kenwood follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.

**Note:**
1. Resistor values are indicated in ohm (K: 1000-ohms, M: 1000k ohms). Non specified resistors are 1/4W, and ±5%.
2. Capacitor values are in μF (1P = μμF = pF = $10^{-12}$ × F, μF $10^{-6}$ × F). Non specified capacitors are 50WV.
3. Inductance values are in Henry.
4. DC voltages are measured with 20kΩ/V VOM at no signal between GND.
5. DC voltage of parenthesises in REMOTE PC board ass'y is measured between #14 of X00-1890-11.

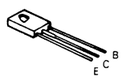
KENWOOD

# HIGH SPEED DC AMPLIFIER

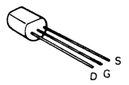
2SA733 2SC1400
2SA750 2SC1509
2SA777 2SC1775
2SA872 2SC1885
2SA912
2SC945



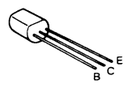

2SA899
2SC1567
2SC1904



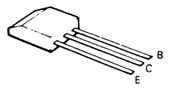

2SK68



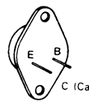

2SA850
2SC1735



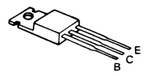

2SA673
2SA915
2SC1213A



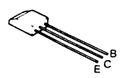

2SA1007A
2SC2337A



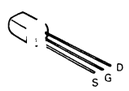

2SA839 2SC1669
2SA913 2SC1913
2SB536 2SD381



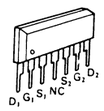

2SA915



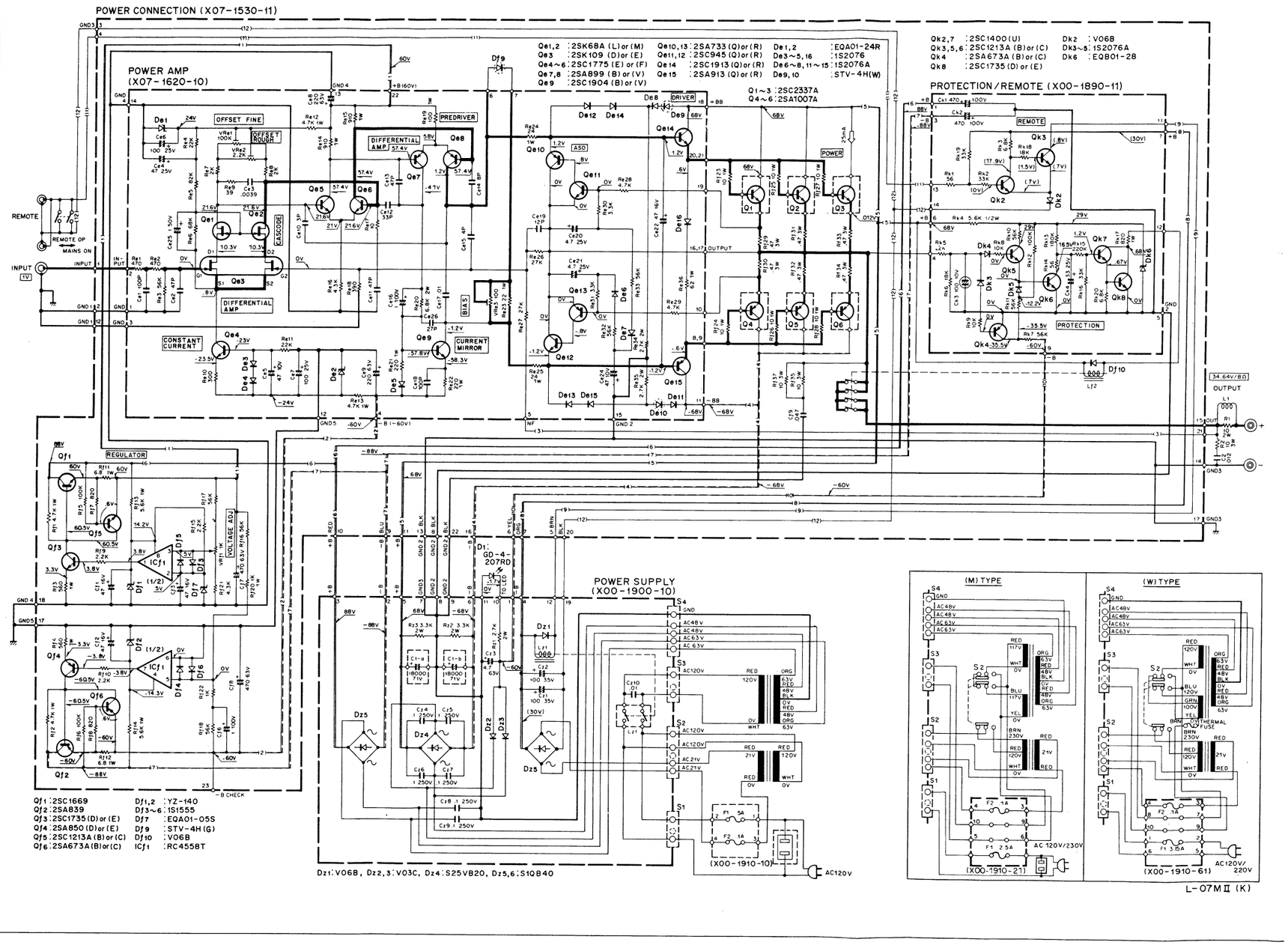

2SK30A




2SK109




μPA63H


POWER CONNECTION (X07-1530-11)
POWER AMP (X07-1620-10)
PROTECTION/REMOTE (X00-1890-11)
POWER SUPPLY (X00-1900-10)
Qe1,2 : 2SK68A (L) or (M)
Qe3 : 2SK109 (D) or (E)
Qe4~6 : 2SC1775 (E) or (F)
Qe7,8 : 2SA899 (B) or (V)
Qe9 : 2SC1904 (B) or (V)
Qe10,13 : 2SA733 (Q) or (R)
Qe11,12 : 2SC945 (Q) or (R)
Qe14 : 2SC1913 (Q) or (R)
Qe15 : 2SA913 (Q) or (R)
De1,2 : EQA01-24R
De3~5,16 : 1S2076
De6~8,11~15 : 1S2076A
De9,10 : STV-4H(W)
Q1~3 : 2SC2337A
Q4~6 : 2SA1007A
Qk2,7 : 2SC1400(U)
Qk3,5,6 : 2SC1213A (B) or (C)
Qk4 : 2SA673A (B) or (C)
Qk8 : 2SC1735 (D) or (E)
Dk2 : V06B
Dk3~5 : 1S2076A
Dk6 : EQB01-28
Qf1 : 2SC1669
Qf2 : 2SA839
Qf3 : 2SC1735 (D) or (E)
Qf4 : 2SA850 (D) or (E)
Qf5 : 2SC1213A (B) or (C)
Qf6 : 2SA673A (B) or (C)
Df1,2 : YZ-140
Df3~6 : 1S1555
Df7 : EQA01-05S
Df9 : STV-4H (G)
Df10 : V06B
ICf1 : RC4558T
Dz1 : V06B, Dz2,3 : V03C, Dz4 : S25VB20, Dz5,6 : S10B40
D1 : GD-4 207RD
(M) TYPE
(W) TYPE
L-07MII (K)

**Note:**

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